

NEWCASTLE-UPON-TYNE

CITY LUNATIC ASYLUM.

THIRTY-FOURTH

ANNUAL REPORT,

1898.



NEWCASTLE-UPON-TYNE:

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1899.

A LIST
OF THE
COMMITTEE OF VISITORS
FOR THE YEAR 1899.

1. THE MAYOR (GEORGE HARKUS, ESQ.).
2. ALDERMAN WM. H. STEPHENSON (CHAIRMAN).
3. " HENRY WILLIAM NEWTON.
4. " THOMAS GEORGE GIBSON.
5. " WILLIAM DAVIES STEPHENS.
6. " THOMAS BURGESS WINTER.
7. " WILLIAM SUTTON.
8. " JONATHAN BARKER ELLIS.
9. COUNCILLOR JOHN DONALD ANNAN.
10. " THOMAS COOKE.
11. " WILLIAM SMITH.
12. " JAMES COLTMAN.
13. " THOMAS STAMP ALDER.
14. " RILEY LORD (VICE-CHAIRMAN).
15. " WILLIAM THOMPSON.
16. " RALPH CARR.
17. " W. J. SANDERSON.
18. " J. BEATTIE.
19. " JOHN M. OUBRIDGE.
20. " HUGH MORTON.
21. " JAMES H. RODGERS.
22. " JOHN REID.
23. " JOHN GOOLDEN.
24. " JOHN JAMES FORSTER.
25. " JAMES DUNCAN FARQUHARSON.

Clerk to the Committee.

JOHN ATKINSON, SOLICITOR, VICTORIA CHAMBERS,
NEWCASTLE-ON-TYNE.



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A LIST OF OFFICERS

FOR THE YEAR 1899.

Consulting Surgeons.

GEORGE HALIBURTON HUME, M.D.

FREDERICK PAGE, M.D.

Medical Superintendent.

JAMES THOMAS CALLCOTT, M.D.

Senior Assistant Medical Officer.

DAVID HUNTER, M.A., M.B., B.C.

Junior Assistant Medical Officer.

ALEXANDER MAIR RATTRAY, M.B., C.M.

Chaplain.

THE REV. WILLIAM MADDISON, M.A.

Clerk and Steward.

DAVID BRODIE.

Housekeeper and Head Nurse.

MISS W. S. REID.

Head Attendant and Choir Master.

GEORGE DUNCAN.



NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

REPORT, 1898.

18th JANUARY, 1898.

The Committee of Visitors of the Newcastle-upon-Tyne Lunatic Asylum have, in pursuance of the provisions of the "Lunacy Act, 1890," to make the Thirty-fourth Annual Report (and the Tenth Annual Report under the "Local Government Act, 1888") to the City Council of the condition and management of the Institution.

On the 31st day of December, 1897, the number of patients on the books was 503 (viz., 224 males and 279 females) and with 28 male patients boarded out in another asylum, make a total of 531. The admissions during 1898 were 138 (viz., 77 males and 61 females).

The admissions were chargeable in the following manner :

	MALE.		FEMALE.		TOTAL.
As Private Patients	0	.....	1	.....	1
To the Newcastle Union.....	77	.....	60	.....	137
To the Commissioners of Prisons	0	.....	0	.....	0
As "Out County" Patients.....	0	.....	0	.....	0
	<u>77</u>		<u>61</u>		<u>138</u>

The discharges were 58 (viz., 24 males and 34 females), and the deaths were 67 (viz., 35 males and 32 females).

The average number daily resident was 515 (viz., 236 males and 279 females).

The number of discharges recovered was 43, or at the rate of 31·1 per cent. of the admissions.

The percentage of deaths of the average numbers daily resident was 13·0, and of the total number under treatment 10·4.

The number remaining on the books on the 31st December, 1898, was 516 (viz., 242 males and 274 females), and, with the 26 male patients boarded out in another asylum, make a total of 542. Of this number 5 are chargeable as private patients, 2 are chargeable to "out counties," and 535 are chargeable to the Union of Newcastle-upon-Tyne, as against 524 last year, being an increase of 11.

The Commissioners in Lunacy visited the Asylum on the 5th day of February, 1898.

The progress of the extension buildings during the last year has been fairly satisfactory, although not quite so rapid as desirable. It has been very difficult obtaining materials and labour. The whole of the wards are in the finishing stage, and the walls are now being distempered. The cooking apparatus for kitchens is almost completed. The whole of the structure of the Asylum buildings proper is now erected, and the internal finishing is in progress. The workshops have been occupied some months. The laundry is roofed, and preparations are being made for fitting up the machinery. The isolation hospital has been ready for occupation some time. The electric generating plant is in process of erection and fitting. The attendants' cottages are com-

pleted, and the new lodge is in progress. The storage reservoirs are completed. The steam boilers have been working for some weeks, and heat applied to the buildings for drying them.

The Committee have much pleasure in again expressing their entire satisfaction with Dr. Callcott and his Staff in the general discharge of their duties; and they regret to hear of the death of Dr. Whickham, their late Medical Superintendent.

W. H. STEPHENSON,

CHAIRMAN.

REPORT OF THE COMMISSIONERS IN LUNACY.

NEWCASTLE CITY ASYLUM,

FEBRUARY 5th, 1898.

Our colleagues were here about seven months ago, at that time there were 490 patients in residence, and much notice was taken of the overcrowding then existing ; this day there are in residence 506, and on the books and entitled to asylum accommodation here are 511 patients, or an increase of 21 in the short period which has elapsed between the two visits.

This overcrowding has been referred to for years past, and now we find that it is hoped, unless more strikes occur, the Asylum may be completed by the end of the year. The block for the sick and infirm, which is greatly needed, has not yet been finished with regard to internal plastering and painting, though the internal fittings are being constructed.

As reported at the last visit the engine and dynamos are not yet erected. The detached hospital is ready for occupation, but the furniture is not yet in position. The chapel is only in such a state that labourers are working at the foundations.

The patients on the books this day are 230 men and 281 women, 511 in all. The overcrowding on the male side is most marked, there are 230 patients sleeping where there is only proper sleeping space for 201 patients, that is to say the Asylum is overcrowded by 29 beds, notwithstanding the fact

that 28 more Newcastle patients are boarded out at Durham. Of the 281 women, 7 belong to the private class, and 5 women are out on trial without any allowance however. We again urge the granting of this allowance on the practical ground of economy alone.

There are, according to the returns, beds still vacant for 18 women, but this is caused by the conversion of the old farmhouse into an asylum for 42 quiet, harmless patients, who however are not protected as they should be in the event of fire. Our colleagues advised external staircases, we learn that doors of inter-communication between the dormitories are preferred by the Committee, but absolutely nothing has been done. This danger to life so easily remedied should not be allowed to continue longer.

There is no clinical assistant for this Asylum with 511 patients, many of whom are ill and bed-ridden, only two Medical Officers are appointed. We have no hesitation in saying, that not a clinical clerk, but a properly qualified second Assistant Medical Officer is needed. Proper accommodation suitable to the gentleman's position must of course be found.

We might here mention that the walls at the farm are damp and need attention. Some of the passages, lobbies, &c., were very cold, and the chilly passage used by the male patients, as we saw to-day, when coming from their hot baths must be necessarily dangerous to health. Yesterday and to-day snow has been falling, and the temperature in the dormitories on an average was 40. We were told in cold weather fires were lighted in the dormitories, it appeared to us as if the thermometer standing at 40 at noon indicated the necessity for fires.

The following changes have occurred since the last visit:—

	MALE.		FEMALE.		TOTAL.
Admitted... ..	34	.....	33	.....	67
Discharged	10	.....	10	.....	20
Discharged of whom recovered.	4	.....	9	.....	13
Died... ..	13	.....	14	.....	27

Out of the 511 patients on the books, there are no patients belonging to any out-county; if the farm-house be included there is vacant accommodation for 18 women, but as before mentioned there are 29 in excess of the proper number.

The percentage of recoveries and deaths, calculated in the usual way, have been 21·5 and 9·6 respectively. Nothing in the causes of death calls for special notice, except over 30 per cent. were due to general paralysis. *Post-mortem* examinations were made in over 60 per cent. of the deaths, and we were told in all other cases permission had been refused. The Coroner held no inquest.

No mechanical restraint has been needed, but seclusion has been employed in the case of 3 men and 4 women, on 143 and 43 occasions, and for a total of 239 and 126 $\frac{3}{4}$ hours respectively. Two patients have received serious injury, but none-fatal, owing to falls. Only one case of epidemic or zymotic disease has appeared in the Asylum. A woman was attacked by measles; she recovered, and the malady did not spread.

We found 26 men and 15 women in bed during our visit. The behaviour of the patients was quiet. No complaint, except of undue detention were made to us. The dress of both sexes was neat, and the rooms and dormitories in general were in good order.

The dinner consisted of soup, jam pudding, and bread and cheese. The beverage lemonade. The fare provided was certainly liked.

The staff of attendants is not too strong considering the old feeble cases as well as the number of general paralytics. The figures show 1 to 10½ males, and 1 to 12½ females. It is a singular fact here that out of the 32 general paralytics no less than 20 are females.* Whilst another matter worthy of note is that on neither side is there a patient who is actively suicidal.

The duration of the service of the attendants is not very satisfactory, though 8 of the males have lived here for a period of five years and upwards; only 3 nurses can count a like period of service.

About 50 per cent. of the patients attend either the Church of England or some other form of religious service on Sundays, whilst rather a smaller proportion are present at the associated gatherings.

155 male and 158 female patients are usefully employed, but 93 of the former and 66 of the latter are ward cleaners only. The proportion of ward cleaners in the male division seems to us to be unduly large. The rest of the occupations in which the patients are engaged call for no remark.

The case books respecting the recent cases are well noted up, and indeed the entries in the chronic case books are careful, but not so frequently made as we should expect if the medical staff were numerically sufficient to do the clinical work of the Asylum.

W. E. FRERE, } Commissioners
L. A. IRVING, } in Lunacy.

* This is a clerical error. At the time of the Commissioners' visit there were 20 male general paralytics and 12 female general paralytics.

MEDICAL SUPERINTENDENT'S REPORT.

TO THE COMMITTEE OF VISITORS.

22nd FEBRUARY, 1899.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit the Thirty-fourth Annual Report, with the Statistical Tables for the year 1898.

On the 1st January, 1898, there were 503 patients (viz., 224 men and 279 women) on the books of the Asylum; and on the 31st December there were 516 patients (viz., 242 men and 274 women) residing in the Asylum, and 26 male patients were boarded out in the Durham County Asylum, the total number being 542 patients (viz., 268 men and 274 women).

The average daily number resident in 1898 was 515 (viz., 236 men and 279 women), and the total number under treatment was 639 (viz., 301 men and 338 women).

The admissions were 138 (viz., 77 men and 61 women).

The discharges were 58, of which number 43 were "recovered" and 15 "relieved."

The percentage of recoveries, as calculated on the admissions, was 31·16 (viz., 19·48 men and 45·9 women). The "relieved" comprise cases which were transferred to other asylums in an improved condition, and such other cases as were sufficiently restored, or considered fit to be sent to the care of their relatives.

The deaths were 67 (35 men and 32 women), and represent a percentage of 13·0 (viz., 14·83 men and 11·46 women)

of the average daily number resident, and 10·48 (viz., 11·62 men and 9·46 women) of the total number under treatment.

The General Statistics of the Asylum are as follows:— Since it was opened in June, 1865, there have been 3,261 admissions (viz., 1,734 men and 1,527 women), of whom 430 (viz., 167 men and 263 women) were re-admissions, having been certified as insane at least once previously, and sent to this Asylum. Of the 3,261 admissions, 1,052 (viz., 471 men and 581 women), or a percentage of 32·3 (viz., 27·2 men and 38·1 women) have been discharged “recovered;” 699 (viz., 389 men and 310 women) have been discharged “relieved” or “not improved;” and 994 (viz., 632 men and 362 women) have died, leaving, as has been stated, 516 patients on the books of the Asylum on the 31st December, 1898.

Although last year’s admissions were higher than during any previous year, our increase by accumulation was less than during the immediately preceding years, this being due to a greater number of discharges and a higher death-rate than usual.

By reference to Table XI., it will be observed that of the 138 admissions there were 36 cases (28 men and 8 women) of general paralysis, 4 males and 2 females were epileptic, and the majority of the rest of the cases were of an unfavourable character as regards ultimate recovery.

Table X. sets forth the ascertained causes of the insanity in the admissions, discharges, and deaths. In the admissions, *domestic trouble, adverse circumstances and privation, mental anxiety and worry* have contributed as causes in 29 instances, *intemperance in drink* in 61 instances, *hereditary predisposition* in 37 instances, and there were also 13 cases in which *congenital mental defect* was ascertained.

The death-rate has been much higher than for several past years, more especially among the female patients. Out of 67 deaths 22 (15 men and 7 women) were due to general paralysis, 9 (4 men and 5 women) to consumption and other tubercular diseases, and the average age at death was 53 years.

The general health of the patients has not been good. There have been a larger number confined to bed with serious maladies, and there has been an increase of tubercular diseases, and minor ailments have also been more prevalent, but we have had no zymotic diseases, and there has been no fatal or serious casualty during the year.

In addition to the usual Statistical Tables, which refer only to one year, that is the year 1898, I have added to this Report several additional Tables, two of which are compiled from the Statistics of the Asylum since it was opened in 1865, and the rest extend over a period of ten years, ending with the year 1898 inclusive.

Table XII. shews the admissions during each month in each year.

Table XIII. shews the age period, marriage state, total admissions, proportion of general paralytics to total admissions, total deaths and proportion of deaths from general paralysis for every year since the opening of the Asylum.

Table XIV. shews the age periods and marriage state in the cases of general paralysis.

Table XV. shews the duration of the disease in the cases of general paralysis where *reliable* information on this point was obtainable.

Table XVI. shews the ascertained causes of the insanity in all cases admitted during the past ten years, and Table

XVII. the ascertained causes in the cases of general paralysis admitted during the same period.

During the past year the conduct of the attendants and nurses has been good, with one exception. A male attendant, Peter Reilly, was discharged for striking a patient with a key strap. He was prosecuted for the assault by the Commissioners in Lunacy and fined £2 and costs.

In May Dr. Shortt resigned his post as Assistant Medical Officer in order to engage in general practice, and when he left us he carried with him the good wishes of myself and the whole staff. He was succeeded by Dr. David Hunter, the Pathologist from the Lancashire County Asylum at Whittingham, and who had previously held the post of Assistant Medical Officer in the West Riding Asylum at Wakefield.

In June Dr. Penfold, from the West Riding Asylum at Menston, was appointed to fill the post of second Assistant Medical Officer, and entered on his duties on July 18th. He left us to occupy a similar post in the Northumberland County Asylum at Morpeth, on January 7th, and the vacancy was filled by the appointment of Dr. Rattray. I am much indebted to these my medical colleagues, and also to all the other officers for their continued help and aid in the management of your Asylum, and I beg to express again my sincere thanks to the Committee for their kindness and courtesy to me at all times.

I have the honour to be,

Mr. Chairman and Gentlemen,

Your obedient servant,

JAMES THOMAS CALLCOTT.

APPENDIX I.

TABLE I.,

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year 1898.

				M.	F.	Total.
In the Asylum, 1st January, 1898				224	279	503
	M.	F.	Total.			
Admitted for the first time during the Year	74	46	120			
Re-admitted during the Year.....	3	15	18	77	61	138
Total under treatment				301	340	641
Discharged—						
Recovered	15	28	43			
Relieved	9	6	15			
Not Improved ..	...	...	..
Died	35	32	67			
Total discharged and died.....				59	66	125
Remaining in the Asylum on the 31st December, 1898				242	274	516
Average number daily resident				236	279	515
*Persons under care during the Year				301	338	639
†Persons admitted.....				77	59	136
Persons recovered				15	28	43
Transferred from other Asylums.....				2	...	2
Transferred to other Asylums				3	1	4

* Persons, *i.e.*, separate persons in contradistinction to “cases” which may include the same individual more than once.

† Total cases, minus re-admission of patients discharged during the current year.

TABLE II.,

Showing the Admissions, Re-Admissions, Discharges, and Deaths from the opening of the Asylum to the present date, 31st December, 1898.

	M.	F.	Total.
Admitted during the period of 33½ Years	1,567	1,264	2,831
Re-admitted	167	263	430
Total number admitted.....	1,734	1,527	3,261
	M.	F.	Total.
Discharged—			
Recovered	471	581	1,052
Relieved	208	183	391
Not Improved	181	127	308
Died	632	362	994
Total number discharged and died during 33½ Years	1,492	1,253	2,745
Remaining in the Asylum on the 31st December, 1898	242	274	516
Average number daily resident during 33½ years ...	141·0	156·0	297·1
Transferred from other asylums	57	47	104
Transferred to other asylums	207	117	324

TABLE II.A.,

Showing the Admissions and Recoveries of Persons from the opening of the Asylum to the present date, 31st December, 1898 (33½ Years).

	M.	F.	Total.
Persons admitted during the 33½ Years.....	1,567	1,264	2,831
*Persons discharged recovered during the same period, being 31·2 per cent. of persons admitted	413	472	855
Of whom were re-admitted relapsed	81	124	205
Recovered persons who have not relapsed	332	348	680
Relapsed persons discharged recovered	33	50	83
†Net recovered persons, being 26·9 per cent. of persons admitted	365	398	763

* Persons, *i.e.*, separate persons in contradistinction to cases which may include the same individual more than once. Re-admission applies only to re-admission into this Asylum.

† *I.e.*, Recovered persons, sane at the present time, so far as the Asylum statistics show.

Admitted.				Of each Year's Admissions, Discharged, and Died in 1898.										Total Discharged and Died of each Year's Admissions to 31st December, 1898.										Remaining of each Year's Admissions on 31st Dec., 1898.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
YEAR.		New Cases.		Re-lapsed Cases.		Recovered.			Relieved.			Not Improved.			Died.			Recovered.			Relieved.			Not Improved.			Died.			Male.	Fem.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Male.	Fem.	Male.	Fem.	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1865	...	58	56</

Summary of the Total Admissions.			Total.
Male.	Fem.	Total.	
27.2	38.1	32.3	
12.0	12.0	12.0	
10.4	8.3	9.4	
36.4	23.7	30.5	

Per Centage of Cases Recovered			
Recovered	..	..	..
Relieved	..	..	..
Not Improved	..	..	..
Dead	..	..	..

TABLE V.—*Showing the Causes of Death during the Year 1898, together with the Ages at Death.*

	Under 20 Years.		20 and under 25		25 and under 30		30 and under 35		35 and under 40		40 and under 45		45 and under 50		50 and under 55		55 and under 60		60 and under 65		65 and under 70		70 and under 75		75 and under 80		80 and under 85		Total.				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T		
Cerebro-Spinal Diseases:—																																	
Apoplexy																																	
Atrophy of Brain																																	
Softening of Brain																																	
Tumour of Brain																																	
Exhaustion from Melancholia																																	
General Paralysis	1	1	2	1	1	2	1	1	1	4	2	6	4	1	5	2	4	2															
Thoracic Diseases:—																																	
Degeneration of Heart																																	
Valvular Disease of Heart																																	
Phthisis	1	1																															
Pneumonia																																	
Abdominal Diseases:—																																	
Nephritis																																	
Peritonitis, Tubercular																																	
General Diseases:—																																	
Cancer of Liver																																	
Tubercular Disease of Joints																																	
Gangrene of Leg																																	
Senile Decay																																	
Total																																	
	1	2	3	1	1	2	3	1	4	6	3	9	4	2	6	3	2	5	3	3	6	3	1	4	3	5	8	1	5	6			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 20 Years.																																	
Ascertained by <i>post-mortem</i> examination																																	
25																																	
27																																	
52																																	

TABLE VI.,

Showing the length of Residence in those Discharged Recovered, and in those who have Died during the Year 1898.

LENGTH OF RESIDENCE.	RECOVERED.			DIED.		
	M.	F.	Total.	M.	F.	Total.
Less than 1 month .....	...	...	...	2	2	4
From 1 to 3 months .....	...	1	1	7	2	9
„ 3 to 6 „	5	14	19	7	2	9
„ 6 to 9 „	5	6	11	2	2	4
„ 9 to 12 „	2	2	4	4	2	6
„ 1 to 2 years	1	1	2	2	4	6
„ 2 to 3 „	1	2	3	6	5	11
„ 3 to 4 „	1	2	3	1	...	1
„ 4 to 5 „ .....	...	...	...	...	2	2
„ 5 to 10 „ .....	...	...	...	2	7	9
„ 10 to 15 „ .....	...	...	...	1	1	2
„ 15 to 20 „ .....	...	...	...	...	2	2
„ 20 to 25 „ .....	...	...	...	...	...	...
„ 25 to 30 „ .....	...	...	...	...	..	...
„ 30 to 35 „ .....	...	...	...	1	1	2
Total	15	28	43	35	32	67

TABLE IX.,

Showing the Condition as to Marriage in the Admissions, Discharges, and Deaths during the Year 1898, and in those remaining in the Asylum.

CONDITION AS TO MARRIAGE.	ADMISSIONS.			DISCHARGES.						DEATHS.			REMAINING IN ASYLUM.		
	M.	F.	Total.	Recovered.			Not Recovered.			M.	F.	Total.	M.	F.	Total.
				M.	F.	Total.	M.	F.	Total.						
Married	38	30	68	5	15	20	4	4	8	17	8	25	89	106	195
Single	32	18	50	6	10	16	5	2	7	12	11	23	131	126	257
Widowed	7	13	20	4	3	7	...	...	...	6	13	19	20	38	58
Unknown .....	...	...	...	...	...	...	...	...	...	...	...	...	2	4	6
Total	77	61	138	15	28	43	9	6	15	35	32	67	242	274	516

TABLE X.,

Showing the Ascribed Causes of the Mental Disorder in the Admissions, Discharges, and Deaths during the Year 1898.

CAUSES.	ADMISSIONS.			DISCHARGES.				DEATHS.		
	ADMISSIONS.			Recovered.		Not Recovered.		DEATHS.		
	M.	F.	Total.	M.	F.	Total.	M.			
MORAL—Domestic trouble, &c.	1	5	6	...	5	5	...	...	4	4
Adverse circumstances, &c.....	10	7	17	3	1	4	...	3	3	6
Mental anxiety, worry, &c.	4	1	5	..	1	1	...	1	...	1
Religious excitement .....	...	1	1	...	...	...	...	...	...	...
Love affairs, &c.....	...	...	...	...	1	1	...	...	...	...
Fright, nervous shock, &c. ....	...	...	...	...	...	...	...	...	...	...
PHYSICAL—Intemperance (in drink)	41	20	61	7	5	12	7	1	6	20
Intemperance (sexual)	1	2	3	...	...	...	...	1	...	1
Venereal disease	2	3	5	...	...	...	...	2	2	4
Self abuse (sexual) .....	...	...	...	..	...	...	...	...	...	...
Over exertion.....	...	...	...	...	...	...	...	...	...	...
Sunstroke .....	...	...	...	...	...	...	...	...	...	...
Accident or injury	4	...	...	...	...	...	...	1	...	1
Pregnancy .....	..	...	...	...	...	...	...	...	1	1
Parturition, &c.....	...	6	6	...	2	2	...	...	1	1
Lactation .....	...	1	1	...	1	1	...	...	...	...
Uterine and ovarian disorders.....	...	1	1	...	1	1	...	...	...	...
Puberty	6	...	6	...	...	...	...	...	...	...
Change of life .....	...	7	7	...	2	2	...	...	5	5
Fevers.....	...	...	...	...	1	1	...	...	...	...
Privation, &c.	1	...	1	...	...	...	...	...	1	1
Old age	1	4	5	...	...	...	...	...	8	12
Other bodily disorders	11	...	11	3	4	7	1	...	3	8
Previous attacks	5	15	20	5	9	14	1	...	2	5
Hereditary influence, ascertained	21	16	37	7	3	10	2	11	4	15
Congenital defects, ascertained	7	6	13	2	1	3	1	1	1	2
Other ascertained causes .....	...	1	1	...	1	1	...	...	...	...

TABLE XI.,

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1898, and the Form of Mental Disorder on Admission in those remaining on the 31st December, 1898.

FORM OF MENTAL DISORDER.	ADMISSIONS.			RECOVERIES.			DEATHS.			REMAINING IN ASYLUM.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Congenital or Infantile Mental Deficiency—												
" " with Epilepsy	1	1	2	...	...	...	...	...	...	4	6	10
" " without Epilepsy	2	2	4	...	...	...	...	...	...	18	14	32
Epilepsy acquired	3	1	4	...	...	...	2	1	3	18	15	33
General Paralysis of the Insane	28	8	36	...	...	...	15	7	22	32	14	46
Mania—												
Acute	25	18	43	6	10	16	4	9	13	50	93	143
Chronic .....	...	...	...	...	...	...	...	1	1	47	47	94
Recurrent	1	9	10	2	6	8	1	...	1	7	10	17
A Potú	3	4	7	3	4	7	...	1	1	...	...	...
Puerperal .....	...	3	3	...	...	...	...	1	1	...	10	...
Senile .....	...	2	2	...	...	...	...	2	2	4	7	11
Melancholia—												
Acute	10	5	15	2	4	6	3	...	3	19	20	39
Chronic .....	...	...	...	...	...	...	...	...	...	9	2	11
Recurrent .....	...	1	1	...	1	1	...	...	...	...	...	...
A Potú	2	2	4	2	1	3	...	...	...	2	1	3
Puerperal .....	...	...	...	...	1	1	...	...	...	...	...	...
Senile .....	...	..	...	...	...	...	1	3	4	...	7	...
Dementia—												
Primary .....	...	1	1	...	1	1	...	...	...	8	5	13
Secondary .....	...	1	1	...	...	...	5	1	6	9	22	31
Senile	1	2	3	...	...	...	4	6	10	3	..	3
Organic (<i>i.e.</i> , from Tumours, Coarse Brain Disease, &c.)	1	1	2	...	...	...	...	...	...	12	1	13
Total	77	61	138	15	28	43	35	32	67	242	274	516

TABLE XII.,

Showing the distribution of the Admissions in the different months since the Opening of the Asylum in 1865.

	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCTOBER.		NOVEMBER.		DECEMBER.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1865.....	4	3	5	2	2	1	5	2	8	6	2	3	6	1	3	2	3	3	7	5	6	2	5	6
1866.....	1	3	1	3	1	2	2	2	1	5	1	1	1	2	2	2	1	1	1	3	3	1	2	3
1867.....	1	1	1	1	1	1	1	1	3	1	4	1	3	2	2	2	1	1	3	3	5	2	2	2
1868.....	5	3	1	5	6	6	3	3	4	1	6	3	2	2	1	1	3	2	1	3	3	5	3	2
1869.....	1	3	1	2	5	5	2	2	3	1	3	2	2	2	1	3	1	2	2	6	3	1	2	2
1870.....	1	1	1	6	3	3	1	3	6	1	3	6	2	2	1	3	1	3	4	3	3	2	1	1
1871.....	1	2	1	2	1	2	4	4	1	6	1	3	2	2	1	5	3	3	2	2	3	4	1	1
1872.....	2	2	1	3	3	3	2	3	2	3	2	4	2	2	1	1	3	3	4	2	1	3	2	2
1873.....	3	2	3	2	3	2	3	3	2	3	2	3	2	2	2	1	3	3	3	2	2	2	3	3
1874.....	3	2	2	4	3	3	2	2	2	3	4	3	3	2	2	5	1	3	2	4	2	2	3	2
1875.....	2	5	3	3	2	2	3	3	2	2	2	4	2	2	1	1	3	3	2	4	2	2	3	2
1876.....	4	3	1	1	1	1	1	1	1	3	4	3	1	2	2	1	3	3	2	2	1	1	1	1
1877.....	3	3	3	3	3	3	2	2	4	2	2	2	3	2	2	1	3	3	2	3	3	2	3	2
1878.....	6	4	1	2	3	2	1	3	2	3	2	2	3	2	1	5	2	2	5	6	4	1	1	1
1879.....	4	1	2	3	3	3	2	2	4	2	6	1	4	2	2	2	7	6	4	3	5	1	1	1
1880.....	6	3	7	4	5	5	1	3	2	7	1	1	3	2	3	1	2	2	3	3	1	1	1	1
1 81.....	4	5	3	5	5	5	1	6	1	3	4	2	4	2	5	4	7	5	6	4	2	3	4	4
1882.....	4	2	5	3	5	6	4	5	7	4	5	6	5	5	3	1	5	4	4	2	2	3	6	3
1883.....	3	1	3	3	1	3	4	5	2	7	3	2	7	7	5	5	6	3	3	4	4	6	3	4
1884.....	4	2	3	6	4	4	7	4	1	4	3	8	9	5	4	4	3	3	4	5	7	3	4	3
1885.....	5	8	3	1	2	2	4	5	2	2	4	5	4	5	1	6	3	5	5	7	1	2	4	4
1886.....	3	5	4	5	3	3	5	2	9	3	5	6	2	5	4	6	6	5	4	4	5	5	5	7
1887.....	6	5	7	4	4	4	4	3	5	3	6	4	3	5	2	6	3	1	4	4	4	3	4	4
1888.....	4	3	4	5	5	5	4	3	12	5	1	2	1	1	4	6	2	1	5	5	2	2	6	6
1889.....	3	2	1	4	2	2	4	5	9	4	2	2	2	8	6	2	7	1	4	4	2	2	8	4
1890.....	6	2	4	6	3	3	6	4	11	4	3	6	9	6	4	4	6	3	5	4	5	5	3	3
1891.....	9	4	6	2	5	7	4	5	9	4	7	7	3	4	4	5	6	1	3	2	2	5	6	4
1892.....	5	2	3	6	2	2	8	3	4	5	5	5	3	4	4	7	4	3	6	7	6	8	3	2
1893.....	11	7	6	4	4	4	2	3	5	3	7	5	7	4	3	9	3	4	8	4	1	2	1	6
1894.....	5	7	3	5	7	5	6	2	8	3	6	4	3	3	3	2	6	3	6	3	4	4	1	1
1895.....	5	7	5	9	13	3	7	5	10	6	7	5	9	6	9	2	5	3	6	6	6	4	6	1
1896.....	3	5	5	6	3	6	5	4	6	5	5	2	6	8	4	6	2	2	6	4	4	4	5	8
1897.....	6	3	6	10	3	3	2	7	5	5	2	8	9	5	9	2	3	3	3	3	7	7	3	3
1898.....	7	4	6	6	6	5	2	7	5	4	8	5	8	5	9	4	2	2	5	6	6	1	8	3
TOTALS.....	135	106	112	97	131	130	124	122	135	141	136	112	144	125	114	119	117	86	131	110	107	109	120	111
	241		209		261		246		276		248		269		233		203		241		216		231	

TABLE XIV.,
Showing the Age Periods and Marriage State in the Cases of General Paralysis Admitted since the Year 1889, inclusive.

YEARS.	AGE PERIODS.																					MARRIAGE STATE.											
	Under 15.			15 to 19.			20 to 24.			25 to 34.			35 to 44.			45 to 54.			55 to 64.			65 and upwards.			Married.			Single.			W dowed.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1889.....	3	..	3	3	1	4	..	1	1	..	1	..	1	..	..	5	3	8	1	..	1	..	..	..	..	5	
1890.....	3	3	3	9	..	9	6	2	8	1	1	1	2	..	..	11	2	13	4	..	4	..	4	1	4	5	
1891.....	2	..	2	7	1	8	4	4	8	1	..	1	..	..	..	12	3	15	2	..	2	..	..	2	2	2	
1892.....	3	3	6	9	3	12	1	..	1	1	..	1	..	..	..	9	2	11	4	1	5	1	3	4	4	3	
1893.....	4	1	5	10	2	12	10	1	11	..	..	..	..	..	..	19	2	21	4	..	4	1	2	3	3		
1894.....	3	..	3	5	1	6	..	1	1	2	..	2	..	2	..	8	2	10	1	..	1	..	1	..	1	1	
1895.....	2	2	4	5	2	7	7	1	8	3	..	3	..	3	..	14	2	16	2	1	3	1	2	3	3	3	
1896.....	3	1	4	11	3	14	4	2	6	..	..	..	..	..	..	9	5	14	7	..	7	2	1	3	3	3	
1897.....	1	..	1	1	1	2	3	7	10	1	1	2	..	..	..	..	..	..	6	4	10	5	..	5	..	..	8	3	5	
1898.....	4	..	4	16	4	20	6	3	9	..	1	1	..	..	..	18	6	24	8	..	8	2	3	3	5	5	
Totals...	1	..	1	28	9	37	82	20	102	39	16	55	8	3	11	..	..	..	111	31	142	38	2	40	12	17	29	29	29	

TABLE XIII.—Showing the Age Periods, Marriage State, Total Admissions, proportion of General Paralytics to Total Admissions, Total Deaths, and proportion of Deaths from General Paralysis, for every Year since the opening of the Asylum.

	Under 15.			15 to 19.			20 to 24.			25 to 34.			35 to 44.			45 to 54.			55 to 64.			65 & upwrds.			MARRIED.			SINGLE.			WIDOWED.			UNKNOWN.			TOTAL ADMISSIONS.			PROPORTION OF G.P.'s TO TOTAL ADMISSIONS.			TOTAL DEATHS.			G.P. DEATHS, PERCENTAGE.			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.							
1865....	1	1	2	4	3	7	19	13	32	12	25	37	9	10	19	2	9	11	1	2	3	16	19	35	37	26	63	2	8	10	3	..	3	58	53	111	10.3	3.7	7.2	..	2	2	
1866....	2	2	4	1	5	8	7	15	5	9	14	1	5	6	1	4	5	10	8	18	10	13	23	..	8	8	20	29	49	16.6	..	10.2	5	6	11	60.0	33.3	45.4	
1867....	1	2	3	4	3	7	4	4	8	2	6	8	5	..	5	3	1	2	3	1	2	3	10	10	20	10	6	16	..	1	1	23	17	40	21.5	..	12.5	7	3	10	57.1	16.6	50.0
1868....	1	1	2	3	7	10	9	6	15	9	5	14	7	5	12	2	1	3	..	1	1	21	10	31	10	14	24	..	2	2	31	26	57	25.8	..	14.0	12	5	17	25.0	..	17.6	
1869....	1	..	1	3	3	6	2	1	3	3	3	6	8	9	17	3	7	10	2	1	3	2	1	3	12	15	27	11	9	20	23	24	47	17.3	..	8.5	12	4	16	50.0	..	37.5	
1870....	4	4	..	3	3	2	11	13	9	2	11	6	8	14	1	1	2	1	2	3	11	13	24	7	14	21	2	3	5	20	30	50	10.0	..	4.0	25	7	32	52.0	..	40.6	
1871....	2	1	3	3	2	5	10	5	15	11	8	19	4	5	9	3	1	4	..	1	1	20	12	32	11	5	16	2	6	8	33	23	56	21.2	..	12.5	28	11	39	35.7	9.0	28.2	
1872....	2	3	5	..	2	2	6	6	12	6	8	14	1	8	9	8	4	12	15	15	30	7	10	17	1	5	6	..	1	1	24	30	54	83.3	3.3	5.5	14	8	22	42.1	12.5	31.8	
1873....	1	1	2	4	4	8	5	6	11	7	8	15	1	3	4	3	3	6	1	..	1	14	11	25	8	11	19	..	2	2	..	1	1	23	24	47	8.6	..	4.2	9	9	18	33.3	..	16.6	
1874....	1	1	2	2	2	4	9	13	22	10	5	15	7	7	14	2	4	6	..	1	1	17	16	33	10	13	23	4	3	7	31	32	63	9.6	..	4.4	11	5	16	27.2	..	18.7	
1875....	1	1	3	1	4	7	11	18	9	2	11	5	4	9	3	3	6	..	1	1	15	14	29	11	7	18	1	3	4	27	24	51	15.5	4.1	11.7	9	2	11	33.3	50.0	36.3	
1876....	4	4	8	7	3	10	9	6	15	4	1	5	..	1	1	2	3	12	8	20	11	6	17	..	5	5	23	24	47	21.5	4.1	12.7	11	7	18	45.4	28.5	38.8		
1877....	1	1	2	7	2	9	8	7	15	7	4	11	2	3	5	6	1	7	3	1	4	14	4	18	23	14	37	..	3	3	1	..	1	38	21	59	10.5	..	6.7	11	6	17	27.2	..	17.6	
1878....	2	2	4	5	4	9	12	4	16	12	7	19	9	7	16	2	3	5	2	1	3	18	17	35	25	9	34	1	2	3	44	28	72	13.6	..	8.3	24	6	30	33.3	..	26.6	
1879....	2	2	5	3	8	7	6	13	8	4	12	7	1	8	2	5	7	1	1	2	14	10	24	15	7	22	2	4	6	31	21	52	16.1	..	9.6	12	6	18	25.0	..	16.6	
1880....	2	2	4	9	4	13	11	7	18	15	8	23	7	4	11	5	4	9	4	4	8	20	16	36	23	18	41	10	4	14	53	38	91	9.4	..	5.4	18	8	26	27.7	12.5	23.0	
1881....	2	1	3	5	4	9	13	21	34	15	10	25	4	5	9	5	3	8	1	4	5	18	25	43	24	17	41	1	8	9	43	50	93	4.6	2.0	3.2	16	12	28	18.7	16.6	17.7	
1882....	2	..	2	4	2	6	19	10	29	16	11	27	17	9	26	2	2	4	4	2	6	35	17	52	22	12	34	3	10	13	1	..	1	61	39	100	4.9	..	3.0	18	6	24	44.4	16.6	37.5	
1883....	2	4	6	9	5	14	9	9	18	11	12	23	2	8	10	7	7	14	1	6	7	16	28	44	19	17	36	4	6	10	2	1	3	41	52	93	15	6	21	20.0	16.6	19.0	
1884....	5	6	11	5	8	13	14	7	21	12	7	19	6	5	11	3	3	6	23	17	40	18	11	29	3	10	13	44	38	82	13.6	..	7.3	16	15	31	56.2	20.0	38.7	
1885....	4	1	5	5	3	8	11	12	23	8	15	23	6	3	9	3	5	8	1	..	1	14	21	35	21	14	35	2	5	7	37	40	77	2.7	..	1.3	14	10	24	28.5	10.0	20.8	
1886....	4	1	5	3	4	7	17	16	33	12	17	29	11	7	18	5	5	10	4	2	6	24	21	45	22	26	48	8	6	14	1	1	2	55	54	109	1.8	..	0.9	18	7	25	27.7	14.2	24.0	
1887....	2	1	3	6	2	8	12	8	20	20	16	36	10	13	23	3	6	9	1	4	5	24	24	48	24	22	46	5	9	14	53	55	108	16.9	3.6	10.1	19	10	29	36.8	10.0	27.5	
1888....	1	1	2	2	7	9	12	6	18	17	12	29	9	12	21	2	7	9	1	6	7	20	24	44	20	17	37	5	9	14	45	50	95	2.2	..	1.0	17	15	32	47.0	20.0	34.3	
1889....	1	4	5	2	1	3	10	18	28	11	13	24	8	11	19	5	8	13	3	3	6	25	31	56	11	23	34	4	4	8	40	58	98	15.0	5.1	9.0	23	15	38	60.8	..	36.8	
1890....	4	1	5	8	4	12	15	11	26	25	15	40	17	7	24	3	11	14	3	3	6	29	29	58	34	13	47	12																		



TABLE XV.,

Showing the Duration of the Disease in Cases of General Paralysis admitted since the opening of the Asylum.

	MALES.	FEMALES.	TOTAL.
Under 6 months	20	3	23
Under 12 months	34	8	42
Under 2 years	62	19	81
Under 3 years	45	9	54
Under 4 years	21	1	22
Over 4 years	19	5	24

TABLE XVI.—Showing the Ascribed Causes of the Mental Disorder in the Admissions from the Year 1889, inclusive.

	1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTALS.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TL.
MORAL—																							
Domestic Trouble, &c.	3	10	9	19	6	10	7	14	4	14	4	14	8	8	4	10	1	9	1	5	47	113	160
Adverse Circumstances, &c..	8	3	10	11	6	5	9	4	9	4	9	4	14	1	5	5	3	5	10	7	91	48	139
Mental Anxiety, Worry, &c..	4	4	10	11	8	1	5	1	3	2	3	2	1	6	6	6	...	1	4	1	45	34	79
Religious Excitement, &c....	1	4	1	1	4	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	7	6	13
Love Affairs, &c.....	...	1	...	...	...	3	1	4	1	...	...	...	...	...	...	1	1	2	...	...	3	15	18
Fright, Nervous Shock, &c...	1	2	1	3	...	1	1	1	...	3	...	...	...	...	...	...	...	..	1	...	4	10	14
PHYSICAL—																							
Intemperance in Drink	20	8	32	11	31	16	23	8	19	7	19	7	32	9	36	14	23	14	41	20	279	114	393
Intemperance (Sexual).....	...	1	1	1	1	3	1	...	...	...	...	...	2	...	1	2	...	...	1	2	8	9	17
Venereal Disease	1	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	2	2	3	7	5	12
Self-abuse (Sexual) .....	...	...	1	...	2	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	6	...	6
Over-exertion.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	2	2	4
Sunstroke	1	...	2	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	8
Accident or Injury	1	...	4	...	3	...	5	...	3	...	3	...	3	1	...	...	...	...	4	...	25	1	26
Pregnancy .....	...	2	...	1	...	...	...	1	...	...	...	...	...	2	...	2	...	2	...	...	...	13	13
Parturition, &c.....	...	5	...	4	...	2	...	3	...	13	...	...	...	8	...	5	...	5	...	6	...	59	59
Lactation .....	...	1	...	1	...	...	...	3	...	2	...	...	...	...	...	1	...	1	...	1	...	11	11
Uterine and Ovarian Disord'rs	...	2	...	...	...	2	...	2	...	2	...	2	...	...	...	4	...	1	...	1	...	22	22
Puberty .....	...	1	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	6	...	8	2	10
Change of Life.. ..	...	6	...	1	...	6	...	...	...	5	...	...	...	1	...	6	...	3	...	7	...	36	36
Fevers .....	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	1	2
Privation, &c.....	3	4	3	2	3	2	1	1	1	...	1	...	3	2	2	2	...	1	1	...	18	14	32
Old Age.....	1	...	1	3	2	...	1	...	1	3	1	3	4	1	2	6	4	1	1	4	18	23	41
Epilepsy	2	6	4	1	3	3	3	2	5	4	4	4	4	2	6	1	3	2	4	2	37	23	60
Other Bodily Disorders	8	4	5	...	2	3	4	3	4	3	4	4	5	6	7	7	3	4	7	...	48	34	82
Previous Attacks.....	12	8	9	14	8	12	6	13	7	11	13	13	14	14	11	8	4	9	5	15	81	117	198
Hereditary Influence, ascert'd	8	28	22	12	13	10	15	14	9	12	17	17	23	14	20	18	13	9	21	16	159	150	309
Congenital Defect	3	2	5	4	...	1	4	4	2	2	2	...	2	...	12	4	9	8	7	6	45	31	76
Other Ascertained Causes ...	...	2	...	3	...	...	...	...	2	...	2	...	2	...	2	1	...	...	...	1	7	7	14

TABLE XVII.—Showing the Ascribed Causes of the Disease in General Paralytics admitted since the Year 1889, inclusive.

	1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTALS.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Tl.
MORAL—																							
Domestic Trouble, &c.	3	...	...	1	2	1	1	1	...	1	2	...	...	1	...	...	1	...	8	6	14
Adverse Circumstances, &c. ...	2	...	2	...	4	...	4	..	9	...	...	...	4	...	4	...	1	5	2	...	35	3	38
Mental Anxiety, Worry, &c.	1	...	...	...	...	2	...	3	...	1	...	1	1	...	...	...	1	...	8	2	10	
Religious Excitement.....
Love Affairs, &c.
Fright, Nervous Shock, &c.	1	...	1	...	1
PHYSICAL—																							
Intemperance in Drink	4	...	7	1	5	...	7	1	12	1	...	7	9	2	6	...	3	17	2	...	80	10	90
Intemperance (Sexual)	1	...	1	1	...	...	...	...	...	...	...	1	...	3	1	4	8
Venereal Disease	1	...	...	...	...	...	...	...	...	...	1	...	2	2	...	4	...	...	...
Self-abuse (Sexual)
Over-exertion	1	...	...	...	...	...	2	...	...	1	...	2	5	...	2
Sunstroke.....	1	...	2	...	...	...	...	...	...	...	...	...	3	...	...	...	...	7	...	...	5
Accident or Injury	1	...	...	1	...	3	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1
Pregnancy
Parturition	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Lactation	1	...	...	...	...	...	...	...	...	...	...	...	1	1
Uterine and Ovarian Disorders	1	1
Puberty	1	...	...	...	...	...	...	...	...	...	...	1	1
Change of Life.....	3	...	...	4	...
Fevers
Privation, &c.	2	...	...	1	1	...	1	...	3	4
Old Age
Epilepsy
Other Bodily Disorders	2	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...	...	3	3	6	6
Previous Attacks.....	2	2
Hereditary Influence, ascert'd.	1	1	1	1	1	1	1	...	4	2	1	...	3	...	1	...	...	...	3	...	23	10	33
Congenital Defect	1	...	...
Other Ascertained Causes	1	...	...	...	...	...	...	...	...	...	1

TABLE XVIII.,

Showing the Occupation of those Admitted during the Year 1898.

MALES.			
Artist	1		
Blacksmith	1		
Boilersmith	1		
Butcher	2		
Carpenter, Ship	1		
Cartman	1		
Chainmaker	1		
Clerk, Commercial	7		
Cook	1		
Driller.....	2		
Engineer	2		
Engine Fitter.....	4		
Engraver.....	1		
Fireman, S.S.....	1		
Fruiterer.....	1		
Groom.....	1		
Grocer's Assistant	1		
Innkeeper	1		
Jeweller's Assistant	1		
Joiner	3		
Labourer, Farm.....	1		
„ Factory	3		
„ General.....	11		
Machinist	1		
Master Mariner	1		
Medical Practitioner	1		
Packer.....	1		
Painter	1		
Pitman	4		
Plater	1		
Plumber	1		
Poulterer	1		
Public House Manager...	1		
Restaurant Keeper	1		
Rivetter	1		
Ship Broker	1		
Shop Assistant	1		
Solicitor	1		
Striker	1		
Sweep	1		
Tailor	1		
Traveller, Commercial ...	1		
Turner, Iron	1		
Waiter.....	1		
Watchmaker	1		
Not known.....	1		
No occupation	2		
	<hr/>		
	77		
	<hr/>		
		FEMALES.	
		Charwoman	3
		Domestic Servant	6
		Dressmaker	4
		Housekeeper	1
		Housewife	27
		Lodging House Keeper...	3
		Prostitute	2
		Registry Office Keeper ...	1
		Schoolmistress	1
		Seamstress	1
		No occupation	12
			<hr/>
			61
			<hr/>

TABLE XIX.,

Showing the Gain or Loss in Weight of each Patient Discharged Recovered during the Year 1898.

Number on Register.	Duration of Residence.		Weight at Admission.		Weight at Discharge.		Gain or Loss in Weight.			
	Mths.	Days.	st.	lb.	st.	lb.	Gain.		Loss.	
2729.....	25	15	6	4	6	3	...	...	...	1
2972.....	4	...	7	4	9	1	1	11	...	...
2994.....	4	14	9	1	9	13	..	12	...	...
2982.....	5	17	7	...	7	10	...	10	...	...
3007.....	4	4	8	8	8	4	...	...	...	4
3005.....	4	14	7	1	7	4	...	3	...	...
3000.....	5	21	7	...	8	1	1	1	...	...
3028.....	3	17	7	...	9	...	2	...	...	...
3030.....	3	17	6	12	7	7	...	9	...	...
3009.....	5	1	8	3	9	6	1	3	..	...
2967.....	9	18	7	5	8	13	1	8	...	...
2941.....	11	17	8	13	9	6	...	7	...	...
3035.....	3	28	8	10	9	9	...	13	...	...
3037.....	3	24	8	2	8	11	...	9	...	...
3052.....	3	25	6	4	7	2	...	12	...	...
3022.....	6	18	6	1	6	5	...	4	...	..
3013.....	7	6	8	12	9	10	...	12	...	...
2997.....	8	13	5	9 $\frac{1}{2}$	7	1	1	5 $\frac{1}{2}$	...	...
2998.....	8	10	6	11	8	2	1	5	...	...
2999.....	8	2	7	1	8	5 $\frac{1}{2}$	1	4 $\frac{1}{2}$	...	...
2677.....	36	4	8	10	8	13	...	3	...	...
2817.....	25	12	8	...	8	2	...	2	...	...
3018.....	6	22	9	9	9	10 $\frac{1}{2}$	...	11 $\frac{1}{2}$	...	...
3069.....	2	20	7	12	8	4	...	6	...	...
3050.....	3	29	7	5 $\frac{1}{2}$	8	8	1	2 $\frac{1}{2}$	...	...
3027.....	6	28	8	3	9	10	1	7	...	...
3075.....	2	26	8	5	10	1	1	10	...	...
3062.....	4	1	9	13	11	12	1	13	...	...
3031.....	6	14	10	7	10	1	...	...	...	6
3011.....	8	26	7	13	9	8	1	9	...	...
3025.....	8	4	6	13	7	11	...	12	..	...
3705.....	35	11	7	8	8	11	1	3	...	...
5085.....	3	...	9	4	10	1	...	11	...	...
3084.....	3	1	6	5 $\frac{1}{2}$	7	8	1	2 $\frac{1}{2}$	...	...
3080.....	3	8	6	12	7	2	...	4	...	...
2811.....	27	17	8	8	9	10	1	2	...	...
2596.....	47	24	9	2	10	...	...	12	...	...
3113.....	2	23	8	...	9	2	1	2	...	...
3098.....	3	26	7	8	8	8	1	...	...	...
3105.....	3	11	8	6 $\frac{1}{2}$	8	7	...	0 $\frac{1}{2}$	...	...
3063.....	6	26	9	12	10	...	...	2	...	..
3087.....	4	18	7	6	8	...	...	8	...	...
2885.....	23	16	7	...	9	1	2	1	...	...

TABLE XX.,

Showing the Average number of Patients occupied usefully during 1898, and the nature of their respective occupations, on the 30th day of December, 1898.

	M.	F.	Total.
Average number per day of Patients occupied usefully during 1898	163	180	343
Number employed usefully on the 30th December, and how employed :—			
Assisting Attendants and Nurses ..	106	61	167
Garden, Farm, and Grounds	47	...	47
Engineers	3	...	3
Joiners	2	...	2
Shoemakers	4	...	4
Painters	1	...	1
Tailors.....	1	...	1
Upholsterers .....	...	...	...
Wood Chopping..	7	...	7
Embroidery .....	...	8	8
Knitting .....	...	40	40
Sewing .....	...	39	39
Laundry .....	...	28	28
Kitchen .....	...	14	14
Total	171	190	361
Excited	20	24	44
In bed and feeble	40	45	85
Idlers	11	15	26
On leave .....	...	...	...
Total	242	274	516

Appendix II. NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

BALANCE STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDING 31st MARCH, 1899.

INCOME.				EXPENDITURE.			
April 1st, 1898.	£	s.	d.	March 31st, 1899.	£	s.	d.
To Balance of Cash—Treasurer	1,677	9	11	By Provisions	4,353	7	9
" " Clerk of the Asylum... ..	60	2	7	" Clothing	923	18	4
				" Salaries and Wages.....	3,770	11	1
March 31st, 1899.				" Necessaries	1,377	18	7
To Cash per Newcastle-upon-Tyne Union ...	12,722	2	2	" Surgery and Dispensary	72	4	6
" Gateshead Union	2	0	0	" Wines, Spirits, and Porter.. ..	77	7	6
" Castle Ward Union	8	6	0	" Furniture and Bedding.....	798	15	2
" Alnwick Union	0	12	0	" Garden and Farm	590	13	7
" Chester Union	6	0	0	" Miscellaneous.....	1,056	10	3
" Tynemouth Union	0	14	0	" Funeral Expenses	54	19	0
" South Shields Union	1	8	0		13,076	5	9
" Canterbury Union	2	10	0		2,443	2	11
" Private Patients' Board				" Building and Repairs			
" Sundries Sold	12,743	12	2	" Transferred from Private and Out County Patients'	121	3	10
" Corporation of Newcastle-on-Tyne	238	6	4	" Account to Building and Repair Account			
" House Rent	274	12	3	" Balance of Cash—Treasurer	1,706	19	5
" Interest on Banking Account.....	2,376	18	10	" " Clerk of the Asylum... ..	69	14	2
" Rebate of Telephone Charge	20	16	0		1,776	13	7
	21	9	6				
	3	18	6				
Total.....	£17,417	6	1	Total.....	£17,417	6	1

1st June, 1899.—Examined and found correct,

DAVID BRODIE, CLERK OF THE ASYLUM.
29th June, 1899.—Audited and certified as per my Report to the Council,
THOMAS BOWDEN, F.C.A., Professional Auditor.

RICHARD HENRY HOLMES, F.C.A., MAYOR'S AUDITOR.
W. M. LYON, } CITY AUDITORS.
J. G. ALDER, }

NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

Average Cost per Week per Patient for the Year ending 31st March, 1899.

Headings of Expenditure.	Amount.	Less Sales.	Net Weekly Average.
	£ s. d.	£ s. d.	s. d.
Provisions	4,353 7 9	87 1 9	3 2
Clothing	923 18 4	10 6 0	0 8 $\frac{1}{8}$
Salaries and Wages	3,770 11 1	.....	2 9 $\frac{5}{8}$
Necessaries	1,377 18 7	0 8 0	1 0 $\frac{2}{8}$
Surgery and Dispensary	72 4 6	.....	0 0 $\frac{5}{8}$
Wines, Spirits, and Porter	77 7 6	0 5 0	0 0 $\frac{5}{8}$
Furniture and Bedding	798 15 2	2 18 3	0 7 $\frac{1}{8}$
Garden and Farm	590 13 7	154 18 8	0 3 $\frac{7}{8}$
Miscellanies	*1,056 10 3	6 16 1	0 3 $\frac{6}{8}$
Total	13,021 6 9	262 13 9	9 0
Building and Repairs, &c., &c.	2,016 12 6	11 13 6	...
Additions, Alterations, and Improve- ments	225 4 0	.....	...
Outlay on Extensions	201 6 5	.....	...
Total	2,443 2 11	11 13 6	...

* Deduct £626 17s. 10d., amount received towards the maintenance of patients in the Durham County Asylum.

DAVID BRODIE,

CLERK OF THE ASYLUM.

Appendix III. NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

BUILDING AND REPAIR ACCOUNT.

BALANCE STATEMENT OF INCOME AND EXPENDITURE FOR THE YEAR ENDING 31st MARCH, 1899.

INCOME.				EXPENDITURE.			
1899.—March 31st.	£	s	d.	1898.—April 1st.	£	s	d.
To Cash—House Rent	20	16	0	By Balance due from No. 5 Ward and Chapel Account	268	17	4
" Goods Sold	11	13	6	Less Balance in favour of Corporation of Newcastle-on-Tyne Account	179	3	11
" Corporation of Newcastle-on-Tyne From Private and Out County Patients' Maintenance Account	121	3	10				
" Rebate of Telephone Charge	2	12	4				89 13 5
			2,412 0 8				
To Balance due from No. 5 Ward and Chapel Account	147	13	6	1899.—March 31st.			
Less Balance in favour of Corporation of Newcastle-on-Tyne Account	26	17	10	By Rates, Taxes, and Insurance	436	10	0
			120 15 8	" Ordinary Repairs	879	16	10
				" Wages	249	12	10
				" Pensions	425	12	10
				" House Rent	25	0	0
							2,016 12 6
				" Additions, Alterations, and Improvements	225	4	0
				" Extension, Furnishings, and Heating	201	6	5
							426 10 5
Total.....			£2,532 16 4	Total.....			£2,532 16 4

June 1st, 1899.—Examined and found correct,

DAVID BRODIE, CLERK OF THE ASYLUM.

RICHARD HENRY HOLMES, F.C.A., MAYOR'S AUDITOR.
W. M. LYON, }
J. G. ALDER, } CITY AUDITORS.

APPENDIX IV.

NEWCASTLE-UPON-TYNE CITY ASYLUM—DIET TABLE.

	BREAKFAST—8.15 A.M.										DINNER—1 P.M.										SUPPER—6.15 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Males.					Females.					Males.					Females.					Males.		Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Bread.	Butter.	Coffee.	Tea.		Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	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Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.	Cooked Meat free from bone.	Uncooked Vegetables.	Meat and Potato Pie.	Irish Stew.	Soup.	Fish.	Pudding.	Cheese.	Bread.	Lemonade.

Tea for 100 persons to contain 1lb. of Tea, 4lb. of Sugar, and 3/4 gall. New Milk.
 Coffee for 100 persons to contain 1 1/2lb. of Coffee, 4lb. of Sugar, 1 1/2 gall. New Milk.
 Meat and Potato Pie for 100 persons to contain 28lb. of Meat uncooked and with bone, 24lb. Flour, 3lb. Suet or Dripping.
 Irish Stew for 100 persons to contain 25lb. Tinned Mutton and 88lb. uncooked Potatoes.
 Soup on Wednesday to contain, for 100 persons, Liquor of Meat boiled same day, with 6lb. barley, 3lb. Peas, 3lb. Rice, 16lb. Cabbage, Seasoning, &c.
 Soup on Saturday to contain, for 100 persons, 12lb. Hough Beef, with 6lb. Barley, 3lb. Peas, 3lb. Rice, 16lb. Cabbage, Seasoning, &c.
 Extra Diet for Workers—2oz. Bread, 1oz. Cheese, and Half-pint of Lemonade for Luncheon.
 Extra Diet for Laundry—8oz. Tea, 1 1/2lb. Sugar, and 2 1/2 4lb. Loaves weekly.
 Extra Diet for Sewing Room—6oz. Tea, 3/4lb. Sugar, 1 4lb. Loaf, and 2oz. Butter on Tuesdays.
 Extra Diet for Sick and Debilitated—according to Medical Order.
 (a). Tinned Corned Beef or Mutton.
 (b). Tinned Meat and Potato Pie for 100 persons to contain same quantity of Meat and Potatoes as on Tuesday, with 20lb. of Flour, Seasoning, &c.
 (c). Rice Pudding for 100 persons to contain 11lb. Rice, 4lb. Currants, and 3lb. Sugar.
 (d). Dumpling Pudding for 100 persons to contain 24lb. Flour, 4lb. Preserves, and 3lb. Suet